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No. II.

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METEOROLOGICAL JOURNAL,

COMMENCING

1ST JANUARY, 1844, AND ENDING 31ST DECEMBER, 1844,

BY

GEORGE YEATES.

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THE instruments employed, and the general circumstances of the mode of observing, have been described in the preliminary observations to the Tables of the year 1843, in the 2nd volume of the Proceedings of the Academy, Appendix V.

VOL. III.

b

## JANUARY.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	50°	31°	29.630	. . .	W.
2	36	29	29.630	. . .	W.
3	35	26	29.730	. . .	N. E.
4	48	30	29.732	. . .	W.
5	54	47	29.650	.100	E. by S.
6	43	40	29.250	. . .	W.
7	47	35	29.600	.004	W.
8	42	31	29.450	.006	W.
9	47	36	30.000	.480	E. S. E.
10	51	38	30.300	.145	W. S. W.
11	46	36	30.350	. . .	W. by N.
12	47	39	30.020	.125	W.
13	45	35	30.260	.010	W. by N.
14	42	35	30.400	. . .	E. N. E.
15	40	29	30.400	. . .	W. by N.
16	37	29	30.350	. . .	N. W.
17	43	36	30.350	. . .	N. W.
18	49	44	30.300	. . .	N. W.
19	45	41	30.100	.004	W. N. W.
20	44	40	30.150	.002	W. N. W.
21	45	42	30.000	. . .	N. W.
22	45	41	29.900	.005	E. N. E.
23	46	32	29.900	. . .	W. N. W.
24	57	53	30.400	. . .	W. S. W.
25	50	41	30.420	. . .	W.
26	52	45	30.350	. . .	W.
27	49	41	30.412	. . .	W.
28	50	45	30.000	.045	W. by N.
29	49	41	29.820	.010	W. S. W.
30	52	41	29.900	. . .	W.
31	47	35	30.000	.095	W. N. W.

## FEBRUARY.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	43°	36°	30.070	. . .	W. S. W.
2	41	35	29.650	.330	W. N. W.
3	35	30	30.100	.045	W. N. W.
4	42	35	29.700	.090	W. N. W.
5	43	34	29.512	.046	N. W.
6	42	31	29.500	. . .	W.
7	43	36	29.160	.045	W. N. W.
8	42	31	29.260	. . .	W. S. W.
9	40	30	29.260	. . .	N. N. W.
10	41	30	29.720	. . .	W. N. W.
11	39	29	30.018	. . .	N. W.
12	43	31	29.954	.010	N.
13	44	36	30.054	. . .	S. W.
14	47	40	29.912	. . .	W. S. W.
15	57	45	29.912	. . .	W. S. W.
16	48	39	30.214	. . .	W. S. W.
17	47	39	29.750	. . .	S. W.
18	50	44	29.530	. . .	S. S. W.
19	51	38	29.450	.250	W. N. W.
20	44	37	29.900	. . .	W. N. W.
21	39	30	29.250	.200	E.
22	37	33	29.600	.290	N. E.
23	38	26	29.350	.045	S. W.
24	39	30	29.240	.456	S. W.
25	45	34	29.150	.120	W. S. W.
26	48	35	28.800	.045	W. N. W.
27	38	26	29.550	.260	W. N. W.
28	40	36	29.450	.046	S. E.
29	45	34	29.400	.030	W. S. W.

## MARCH.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	48°	37°	29.270	.170	W. S. W.
2	47	35	29.250	.050	W. S. W.
3	47	34	29.160	.050	W.
4	48	33	29.500	.025	N. W.
5	43	27	29.850	.218	S. W.
6	42	29	29.950	. . .	N. E.
7	42	29	30.250	.010	W.
8	50	38	30.050	.010	S. W.
9	53	46	29.920	.005	S. W.
10	53	38	29.900	.095	N. W.
11	49	43	29.400	.305	W. S. W.
12	49	35	29.700	.200	W. N. W.
13	47	33	29.060	.025	W. N. W.
14	46	40	29.700	.060	S. E.
15	48	34	29.420	.050	S. W.*
16	46	32	29.510	.119	E. N. E.†
17	38	34	30.120	. . .	E. N. E.†
18	45	31	30.200	.500	E. N. E.
19	45	31	30.166	. . .	N. N. W.
20	48	39	29.750	.060	N. W.
21	49	31	30.000	.007	S. W.
22	57	39	29.550	.015	N. N. W.
23	57	38	29.660	.018	N. N. W.
24	49	41	29.450	. . .	W. N. W.
25	55	42	29.360	.030	S. W.
26	55	45	29.708	.020	W.
27	56	49	29.780	. . .	W. S. W.
28	58	37	30.400	. . .	S. W.§
29	58	38	30.420	. . .	E.
30	57	30	30.400	. . .	E.¶
31	56	40	30.150	. . .	E. S. E.

\* Stormy.

† Very stormy.

‡ Stormy.

§ Fine.

|| Very fine.

¶ Very fine.

## APRIL.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	59°	42°	29.200	. . .	W.
2	53	41	29.914	. . .	S. W.
3	61	40	29.716	.265	S. W.
4	50	42	29.552	. . .	S. S. E.
5	51	42	29.572	. . .	S. E.
6	50	44	29.930	.010	W.
7	50	37	30.150	. . .	W. N. W.
8	61	46	30.350	. . .	S. W.
9	70	51	30.500	.010	S. W.
10	71	41	30.250	. . .	S. W.
11	64	42	29.900	.020	W. S. W.
12	56	42	29.750	. . .	S. W.
13	54	43	29.900	. . .	W. N. W.
14	59	46	29.950	.115	W.
15	59	50	29.900	.030	E. S. E.
16	57	40	30.116	.050	S. W.
17	61	45	30.100	. . .	S. W.
18	64	42	30.300	. . .	N. W.*
19	58	46	30.400	. . .	W.
20	59	45	30.216	. . .	S. W.
21	60	51	30.250	.025	W.
22	61	49	30.200	.020	S. W.
23	58	44	30.150	. . .	S. W.
24	58	45	30.200	. . .	N. W.
25	62	44	30.150	. . .	E.
26	65	47	30.100	. . .	W.
27	56	39	30.250	. . .	W. by N.
28	59	41	30.370	. . .	N. E.
29	62	43	30.278	. . .	E. by N.
30	64	46	30.300	. . .	E. by N.

\* Fine weather.

## MAY.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	65°	45°	30.410	. . .	E. by N.
2	66	46	30.500	. . .	E. by N.*
3	67	50	30.350	. . .	N. E.
4	68	56	30.350	. . .	E. N. E.
5	63	44	30.178	. . .	E. by N.
6	67	45	29.900	. . .	E. by S.
7	67	44	29.976	. . .	W. by S.
8	64	43	30.000	. . .	E. by S.
9	64	46	29.950	.005	E.
10	61	42	30.100	.205	N. W.
11	61	44	30.150	. . .	W. by N.
12	64	47	30.350	. . .	W. by N.
13	71	50	30.460	. . .	W. by N.
14	68	57	30.462	. . .	N. W.
15	68	43	30.462	. . .	E.
16	65	43	30.250	.106	N. W.†
17	57	44	30.200	. . .	N. N. E.‡
18	56	32	30.200	. . .	N. N. E.§
19	55	39	30.260	. . .	N. N. E.
20	58	48	30.250	. . .	N.
21	63	46	30.250	. . .	N.
22	65	50	30.290	. . .	N.
23	69	48	30.300	. . .	N. E.
24	70	50	30.180	. . .	N. E.
25	68	55	30.200	. . .	N. E.
26	64	47	30.450	. . .	N. E.
27	60	42	30.400	. . .	N. E.
28	63	43	30.250	. . .	N. N. E.
29	64	44	30.112	. . .	N. E.
30	66	42	30.150	. . .	N. E.
31	60	44	30.160	. . .	N. E.

\* Fine.

† Cold.

‡ Dry.

§ Very dry.

## JUNE.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	60°	44°	30.150	. . .	N. E.
2	63	46	30.060	. . .	N. E.
3	60	51	30.150	. . .	E. S. E.
4	63	52	30.100	. . .	S. W.
5	68	55	29.700	.120	S. W.
6	69	54	29.620	.038	W.
7	68	55	29.540	. . .	S. W.
8	63	55	29.700	. . .	W. S. W.
9	69	53	29.900	.105	S.
10	63	47	30.000	.120	W.
11	69	50	30.270	. . .	S.
12	70	51	30.068	. . .	S. W.
13	71	55	29.840	.006	W. S. W.
14	68	51	30.060	. . .	W.
15	69	48	30.150	. . .	W. by N.
16	67	45	30.150	.010	W. by N.
17	64	50	30.050	.080	S. E.
18	58	52	29.860	.340	N. by W.
19	60	45	30.100	.080	N. by W.
20	67	52	29.900	.215	W. by S.
21	70	58	29.818	.015	S. by W.
22	68	56	29.680	.090	S.
23	70	57	29.700	.110	S.
24	69	56	29.600	.130	E. by S.
25	71	53	29.750	. . .	S. by E.
26	73	57	29.850	.080	E.
27	60	53	29.950	. . .	E. by N.
28	67	47	30.100	. . .	W. by N.
29	70	50	30.150	. . .	W. by N.
30	70	50	30.050	. . .	E. S. E.



## JULY.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	66°	49°	29.950	. . .	E. S. E.
2	58	47	30.000	. . .	W. by N.
3	66	49	29.900	. . .	E.
4	68	52	29.700	.190	E. by N.
5	63	53	29.800	.002	N.
6	65	52	30.000	. . .	W. by N.
7	56	44	30.050	. . .	N. by W.
8	68	55	30.000	. . .	W. by N.
9	68	54	30.050	. . .	N. by W.
10	68	53	29.950	. . .	W. by N.
11	67	54	29.950	.003	W. by N.
12	67	53	30.000	. . .	S. by W.
13	67	53	29.650	.280	S. by E.
14	63	54	29.660	.070	N. W.
15	58	52	29.900	.110	N. W.
16	69	48	30.100	. . .	W.
17	71	47	29.820	. . .	W.
18	62	49	29.800	.095	W.
19	61	48	29.900	.310	W. by N.
20	62	47	30.160	.040	E.
21	70	56	30.200	.170	S. by E.
22	77	54	30.124	. . .	E.
23	81	57	29.759	.110	E. by N.
24	81	61	30.000	.100	E. by N.
25	76	54	29.750	.030	E.
26	68	56	30.200	.250	W. by S.
27	73	54	30.300	.004	W.
28	74	60	30.160	.020	S. E.
29	69	51	30.150	.074	S. E.
30	71	55	29.450	.090	W. by N.
31	67	53	29.760	.200	W. by N.

## AUGUST.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	62°	48°	29.850	.210	N. W.
2	67	49	29.820	.027	S. W.
3	70	56	29.260	.250	N. E.
4	68	48	29.750	.130	W. by N.
5	66	46	29.796	. . .	W. by S.
6	61	55	29.980	1.320	N. E.*
7	62	58	29.490	.600	W.
8	66	52	29.550	.100	W. by N.
9	66	52	29.700	.010	W. by N.
10	65	51	29.600	.095	E. by N.
11	65	52	29.670	.012	S. W.
12	65	55	29.590	.120	E. by N.
13	64	54	29.550	.095	E.
14	66	52	29.320	.210	W. by N.
15	65	53	29.760	.129	W. by N.
16	63	43	29.870	. . .	E. by N.
17	68	53	29.830	.045	W. by N.
18	65	42	30.190	.020	W. by N.
19	66	44	30.170	. . .	S. W.
20	70	56	29.890	. . .	W. by N.
21	65	46	29.830	. . .	W. by N.
22	63	51	29.720	. . .	W. by N.
23	60	48	29.620	.100	W. by S.
24	62	52	29.700	. . .	N. by W.
25	67	50	29.916	. . .	W. by N.
26	65	53	30.100	. . .	W. by N.
27	60	48	30.160	. . .	W. by N.
28	66	45	30.130	. . .	W.
29	66	50	30.050	. . .	E. by S.
30	68	48	30.000	. . .	E. by S.
31	76	48	30.430	. . .	E.

\* Great rain.

## SEPTEMBER.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	74°	50°	30.300	. . .	E. by S.
2	76	53	30.230	. . .	E. by S.
3	72	46	30.160	. . .	E. by S.
4	68	58	30.130	. . .	N. E.
5	69	60	29.990	. . .	N. E.
6	67	61	29.850	.060	S. E.
7	70	58	29.730	.200	E.
8	69	55	29.860	.070	W.
9	66	50	29.860	.142	W. by N.
10	58	50	29.840	. . .	W. by N.
11	63	55	30.000	. . .	S. by W.
12	61	53	30.040	.020	W. by S.
13	64	51	30.100	.090	W. by S.
14	62	56	29.770	. . .	W. by S.
15	70	61	29.640	.720	E. by S.
16	66	55	29.750	.090	W. by S.
17	66	55	29.700	.093	N. E.
18	57	46	29.870	.050	E.
19	62	45	30.150	. . .	E. by S.
20	60	51	30.090	. . .	N. E.
21	50	45	30.220	.210	N. E.
22	59	42	30.190	. . .	N. E.
23	58	45	29.890	. . .	N. E.
24	58	48	30.070	. . .	W. by N.
25	58	38	30.200	. . .	W. by N.
26	66	42	30.240	. . .	W. by S.
27	63	52	30.180	. . .	W. by S.
28	64	57	29.890	. . .	W. by S.
29	60	41	30.190	.100	W. by N.
30	59	30	30.260	. . .	S. by W.

## OCTOBER.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	60°	52°	30.000	.020	W.
2	60	49	29.780	. . .	W. by S.
3	61	55	29.680	.040	W. by S.
4	63	46	29.900	. . .	W. by S.
5	63	48	29.690	.100	W. by S.
6	61	43	29.840	.005	W. by S.
7	59	38	29.960	. . .	W. by N.
8	55	38	29.140	.025	S. E.
9	57	51	28.830	1.200	E. by N.*
10	59	49	28.860	.620	W. by S.
11	59	46	29.500	.120	S. W.
12	59	49	29.400	.100	S. E.
13	60	52	29.060	.100	S. E.
14	60	48	29.000	.050	S. W.
15	59	39	28.890	. . .	N. W.
16	58	36	29.080	. . .	W.
17	55	43	29.456	. . .	S. W.
18	53	33	29.790	. . .	S. W.
19	51	31	29.480	.050	W. by N.
20	52	48	29.140	. . .	S. W.
21	52	39	29.530	. . .	N. W.
22	53	31	29.870	. . .	N. W.
23	55	35	29.730	. . .	S. W.
24	57	44	29.790	. . .	N. W.
25	55	34	30.000	. . .	N. W.
26	51	31	30.070	. . .	N.
27	54	43	30.170	. . .	S. E.
28	56	46	30.170	. . .	E.
29	55	46	29.880	. . .	S. E.
30	55	46	29.600	.100	S. E.
31	57	50	29.540	. . .	E.

\* Storm, 12 o'clock, 28.500.

## NOVEMBER.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	55°	47°	29.260	.290	S. E.*
2	54	42	29.180	.480	S. E.
3	52	42	29.590	.300	N. E.
4	52	42	29.550	.020	N. E.
5	53	40	29.400	.180	N. E.
6	52	48	29.360	.200	N. E.
7	50	49	29.300	.900	S. E.
8	51	43	29.050	.070	N. E.
9	52	47	28.940	.200	W.
10	51	40	29.030	.018	W.
11	49	36	29.420	.150	W.
12	47	37	29.270	.100	S. E.
13	56	42	29.660	.130	W. by S.
14	55	40	29.940	. . .	E.†
15	58	43	29.790	.200	W.
16	57	41	30.140	. . .	N. E.
17	52	45	30.180	. . .	S. W.
18	63	45	30.100	. . .	S. W.
19	59	50	30.040	.024	W. by S.
20	55	49	30.040	.120	S. W.
21	55	29	30.280	. . .	N. W.
22	51	30	30.120	.005	E. by S.
23	53	45	29.990	. . .	W.
24	54	29	29.940	. . .	S. E.
25	51	30	29.960	. . .	S. E.
26	49	35	30.190	. . .	S. W.
27	54	41	30.060	.130	S. E.
28	59	48	29.760	. . .	W. S. W.
29	56	48	29.900	.225	E. by S.
30	54	42	30.090	. . .	S. E.

\* Storm.

† Stormy.

## DECEMBER.

	Thermometer.		Barometer.	Rain.	Wind.
	Max.	Min.			
1	49°	40°	30.160	.050	S. E.
2	43	39	29.870	. . .	E. by S.
3	47	39	30.160	. . .	S. E.
4	48	28	30.270	. . .	S. E.
5	45	36	30.090	. . .	W.
6	44	30	30.120	. . .	N. W.
7	46	31	30.190	. . .	S. E.
8	49	30	30.160	. . .	E. by S.
9	43	29	30.120	. . .	S. E.
10	43	30	30.170	. . .	S. W.
11	44	30	29.850	. . .	E.
12	44	34	29.780	.100	N. E.
13	44	30	29.300	.086	N. E.
14	44	30	29.760	.145	N. E.
15	45	34	29.400	.007	N. E.
16	47	40	29.240	. . .	E. S. E.
17	49	44	29.230	.620	E. S. E.
18	50	44	29.480	.880	E. by N.
19	50	42	30.100	.100	E. by S.
20	48	35	30.350	. . .	S. E.
21	43	37	30.340	. . .	E. by S.
22	50	42	30.390	. . .	S. E.
23	44	34	30.180	. . .	E.
24	43	32	30.170	. . .	S. E.
25	45	32	30.080	. . .	S. E.
26	48	36	29.940	. . .	S. E.
27	48	41	29.800	.160	S. E.
28	51	43	29.700	.014	E. by S.
29	51	35	29.800	.030	N. E.
30	50	35	29.990	. . .	E. by N.
31	51	40	30.100	. . .	W.

## GENERAL RESULTS.

	AMOUNT OF RAIN.	MEAN TEMP.
	Inches.	
January, . . . . .	1.031	42°
February, . . . . .	2.308	34
March, . . . . .	2.042	38
April, . . . . .	.645	41 $\frac{1}{3}$
May, . . . . .	.316	61 $\frac{1}{2}$
June, . . . . .	1.579	67 $\frac{1}{4}$
July, . . . . .	2.148	68
August, . . . . .	3.473	70
September, . . . . .	1.845	67
October, . . . . .	2.530	56
November, . . . . .	3.742	49
December, . . . . .	2.192	51
	<hr/> 23.711	

## BAROMETER.

Greatest pressure, August 27, . . . . .	30.660
Lowest point, January 13, . . . . .	28.100

## THERMOMETER.

Maximum, September 8, . . . . .	80°
Minimum, February 16, . . . . .	21

2, *Grafton-street, Dublin.*